

Appl. No. 10/637,131
Amdt. dated 01/13/2006
Reply to Office action of 02/12/2006

FEB 12 2006

AMENDMENTS TO THE CLAIMS

This following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. – 30. (canceled)

31. (previously presented): A futon moveable between a bed position and a seating position, the

futon comprising:

a first platform including a plurality of planks interconnected at junctions forming a perimeter defining an enclosed area;

a second platform including a plurality of billets interconnected at unions to form a boundary defining an enclosed area, the first and the second platforms pivotally connected to one another;

a frame adapted to functionally support the first and second platforms; and

a load bearing detent apparatus connect along the perimeter and positioned proximate to the boundary.

32. (previously presented): The futon of claim 31, wherein the load bearing detent apparatus includes a substantially L-shaped mortise plate section connected to two of the planks at one of the junctions and a detent section extending away from the mortise plate section.

Appl. No. 10/637,131
Amdt. dated 01/13/2006
Reply to Office action of 02/12/2006

33. (previously presented): The futon of claim 32, wherein the detent section is semi-circular shaped.
34. (previously presented): The futon of claim 31, load bearing detent apparatus includes a mortise plate section and a detent section extending away from the mortise plate section.
35. (previously presented): The futon of claim 34, wherein the mortise plate section is connected to the perimeter at one of the junctions.
36. (previously presented): The futon of claim 34, wherein the detent section is semi-circular shaped.
37. (previously presented): The futon of claim 35, the detent section is semi-circular shaped.
38. (previously presented): A futon moveable between a bed position and a seating position, the futon comprising:
- a first platform including a four planks interconnected at junctions forming a perimeter defining a substantially rectangular enclosed area;
 - a second platform including four billets interconnected at unions to form a boundary defining a substantially rectangular enclosed area, the first and the second platforms pivotally connected to one another;
 - a frame adapted to functionally support the first and second platforms; and

Appl. No. 10/637,131

Amdt. dated 01/13/2006

Reply to Office action of 02/12/2006

a first and a second load bearing detent apparatus each comprising a mortise plate section and a detent section extending away from the mortise plate section, the first mortise plate section connected at one of the junctions proximate to the boundary and the second mortise plate section connected at another one of the junctions proximate to the boundary.

39. (previously presented): The futon of claim 38, wherein each of the mortise plate sections is a L-shaped member.

40. (previously presented): The futon of claim 38, wherein each of the detent sections is semi-circular shaped.

41. (previously presented): The futon of claim 39, wherein each of the detent sections is semi-circular shaped.

42. (withdrawn): A method of moving a futon between a bed position and a seating position, the method comprising the steps of:

providing a futon comprising a back platform including a plurality of planks

interconnected at junctions forming a perimeter defining an enclosed area; a seat

platform including a plurality of billets interconnected at unions to form a

boundary defining an enclosed area, the first and the second platforms pivotally

connected to one another; a frame adapted to functionally support the first and

Appl. No. 10/637,131

Amdt. dated 01/13/2006

Reply to Office action of 02/12/2006

second platforms; and a load bearing detent apparatus having a mortise plate section and a detent section extending away from the mortise plate section, the mortise plate section connect along the perimeter and positioned proximate to the boundary;

separating the seat platform from the back platform when the platforms are in the bed position;

positioning the seat platform at an angle relative to the back platform;

positioning a portion of the boundary beneath the detent section; and

applying a force to the boundary through the detent section to the back section rotating

the seat platform and the back platform into the seat position.

43. (withdrawn): The method of claim 42, wherein the mortise plate section is an L-shaped member.

44. (withdrawn): The method of claim 42, wherein the detent section is semi-circular shaped.

45. (withdrawn): The method of claim 44, wherein the detent section is semi-circular shaped.

46. (withdrawn): The method of claim 43, wherein the mortise plate section is connected to the perimeter at one of the junctions.

Appl. No. 10/637,131
Amdt. dated 01/13/2006
Reply to Office action of 02/12/2006

47. (withdrawn): The method of claim 46, wherein the mortise plate section is an L-shaped member.

48. (withdrawn): The method of claim 46, wherein the detent section is semi-circular shaped.

49. (withdrawn): The method of claim 47, wherein the detent section is semi-circular shaped.